

GenCore version 6.2.1
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OM nucleic - nucleic search, using sw model

Run on: June 14, 2007, 04:31:56 ; Search time 32216
Seconds

(without alignments)
10931.438 Million cell

updates/sec

Title: US-10-535-378-10
Perfect score: 5095
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 7568541 seqs, 34560148153 residues

Total number of hits satisfying chosen parameters: 15137082

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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AC016814 Mus muscu
 39 439 8.6 1528 5 AK225446
 AK225446 Homo sapi
 c 40 424.4 8.3 258646 12 AC096239
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 41 424.4 8.3 269847 12 AC113625
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 42 424.4 8.3 331730 12 AC123384
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 43 422.2 8.3 738 5 AY463358
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 c 44 411 8.1 438 2 AX381439
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 45 375.8 7.4 463 2 AR266587
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ALIGNMENTS

RESULT 1

AF110184

LOCUS AF110184 10772 bp DNA linear

PRI 22-JUL-1999

DEFINITION Homo sapiens epithelium-restricted Ets protein ESX gene, complete

cds.

ACCESSION AF110184

VERSION AF110184.1 GI:5565858

KEYWORDS .

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;

Euteleostomi;

Mammalia; Eutheria; Euarchontoglires; Primates;

Haplorrhini;

Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 4802 to 9870)

AUTHORS Chang,C.H., Scott,G.K., Kuo,W.L., Xiong,X.,
Suzdaltseva,Y.,

Park,J.W., Sayre,P., Erny,K., Collins,C., Gray,J.W.
and Benz,C.C.

TITLE ESX: a structurally unique Ets overexpressed early
during human

breast tumorigenesis

JOURNAL Oncogene 14 (13), 1617-1622 (1997)

PUBMED 9129154
 REFERENCE 2 (bases 1 to 10772)
 AUTHORS Chang,C.H., Scott,G.K., Baldwin,M.A. and Benz,C.C.
 TITLE Exon 4-encoded acidic domain in the
 epithelium-restricted Ets
 factor, ESX, confers potent transactivating capacity
 and binds to
 TATA-binding protein (TBP)
 JOURNAL Oncogene 18 (25), 3682-3695 (1999)
 PUBMED 10391676
 REFERENCE 3 (bases 1 to 10772)
 AUTHORS Chang,C.H., Scott,G.K. and Benz,C.C.
 TITLE Direct Submission
 JOURNAL Submitted (30-NOV-1998) Hematology/Oncology, U.C.S.F.,
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 Parnassus Ave., San Francisco, CA 94143-1270, USA
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ORIGIN

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0;  Gaps 0;

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Qy 4681

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Db 9517

Qy 4801

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Db 9817

TCTCCTGTGAATGGAGGCAGAGACCTCCAATAAAGTGCCTTCTGGGCTTTTTCTA 9871

RESULT 2

AL691482

LOCUS AL691482 112539 bp DNA linear

PRI 18-MAY-2005

DEFINITION Human DNA sequence from clone RP11-510N19 on
chromosome 1 Contains

the ELF3 gene for E74-like factor 3 (ets domain
transcription

factor, epithelial-specific), a novel gene, an LSM3
homolog U6

small nuclear RNA associated (S. cerevisiae) (LSM3)
pseudogene, an

ATPase H⁺ transporting lysosomal 9kDa V0 subunit e
(ATP6V0E)

pseudogene and a cysteine-rich protein 1 (intestinal)
(CRIP1)

pseudogene, complete sequence.

ACCESSION AL691482

VERSION AL691482.16 GI:23503795

KEYWORDS HTG; ATP6V0E; CRIP1; ELF3; LSM3.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

C . . . C . . .

GenCore version 6.2.1
Copyright (c) 1993 - 2007 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 14, 2007, 04:31:56 ; Search time 854 Seconds
(without alignments)
10931.438 Million cell

updates/sec

Title: US-10-535-378-15
Perfect score: 135
Sequence: 1
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 7568541 seqs, 34560148153 residues

Total number of hits satisfying chosen parameters: 15137082

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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14: gb_om:*

AF110184
LOCUS AF110184 10772 bp DNA linear
PRI 22-JUL-1999
DEFINITION Homo sapiens epithelium-restricted Ets protein ESX
gene, complete
cds.
ACCESSION AF110184
VERSION AF110184.1 GI:5565858
KEYWORDS .
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates;
Haplorrhini;
Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 4802 to 9870)
AUTHORS Chang,C.H., Scott,G.K., Kuo,W.L., Xiong,X.,
Suzdaltseva,Y.,
Park,J.W., Sayre,P., Erny,K., Collins,C., Gray,J.W.
and Benz,C.C.
TITLE ESX: a structurally unique Ets overexpressed early
during human
breast tumorigenesis
JOURNAL Oncogene 14 (13), 1617-1622 (1997)
PUBMED 9129154
REFERENCE 2 (bases 1 to 10772)
AUTHORS Chang,C.H., Scott,G.K., Baldwin,M.A. and Benz,C.C.
TITLE Exon 4-encoded acidic domain in the
epithelium-restricted Ets
factor, ESX, confers potent transactivating capacity
and binds to
TATA-binding protein (TBP)
JOURNAL Oncogene 18 (25), 3682-3695 (1999)
PUBMED 10391676
REFERENCE 3 (bases 1 to 10772)
AUTHORS Chang,C.H., Scott,G.K. and Benz,C.C.
TITLE Direct Submission
JOURNAL Submitted (30-NOV-1998) Hematology/Oncology, U.C.S.F.,
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ORIGIN

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Matches 131; Conservative 0; Mismatches 0; Indels
0; Gaps 0;

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Db 4876
CTCCGCCACTCCGGTAGGATTCCCCGCCTGTCATTCCCTAGCCCAGCTCTTGGGAAACTG 4935

Qy 61
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Db 4936
CAGAGGGGTCCAGAGGATTTGCAGTTCTGAACCTGCACACTCCAGTCTAGGATCTCCGAG 4995

Qy 121 CAAGAGCGTAG 131
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Db 4996 CAAGAGCGTAG 5006

RESULT 5

AL691482

LOCUS AL691482 112539 bp DNA linear

PRI 18-MAY-2005

DEFINITION Human DNA sequence from clone RP11-510N19 on
chromosome 1 Contains

the ELF3 gene for E74-like factor 3 (ets domain
transcription

factor, epithelial-specific), a novel gene, an LSM3
homolog U6

small nuclear RNA associated (S. cerevisiae) (LSM3)
pseudogene, an

ATPase H⁺ transporting lysosomal 9kDa V0 subunit e
(ATP6V0E)

pseudogene and a cysteine-rich protein 1 (intestinal)
(CRIP1)

pseudogene, complete sequence.

ACCESSION AL691482

VERSION AL691482.16 GI:23503795

KEYWORDS HTG; ATP6V0E; CRIP1; ELF3; LSM3.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;

GenCore version 6.2.1
Copyright (c) 1993 - 2007 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 14, 2007, 04:31:56 ; Search time 3358 Seconds
(without alignments)
10931.438 Million cell

updates/sec

Title: US-10-535-378-11
Perfect score: 531
Sequence: 1
ccgggctgagcggcttcctg.....acctgtgggagttcatccgg 531

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 7568541 seqs, 34560148153 residues

Total number of hits satisfying chosen parameters: 15137082

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : GenEmbl:*
1: gb_env:*
2: gb_pat:*
3: gb_ph:*
4: gb_pl:*
5: gb_pr:*
6: gb_ro:*
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8: gb_sy:*
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10: gb_vi:*
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12: gb_htg:*
13: gb_in:*
14: gb_om:*

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Db 835
GAGGGCACTGCGGGGTCTCTGGAGAGGCTTGCTGCATGCTGTGGCCAAGTCAGCAGTGCA 894

Qy 421
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Db 895
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RESULT 2

AF110184

LOCUS AF110184 10772 bp DNA linear

PRI 22-JUL-1999

DEFINITION Homo sapiens epithelium-restricted Ets protein ESX gene, complete

cds.

ACCESSION AF110184

VERSION AF110184.1 GI:5565858

KEYWORDS .

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;

Euteleostomi;

Mammalia; Eutheria; Euarchontoglires; Primates;

Haplorrhini;

Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 4802 to 9870)

AUTHORS Chang,C.H., Scott,G.K., Kuo,W.L., Xiong,X.,
Suzdaltseva,Y.,

Park,J.W., Sayre,P., Erny,K., Collins,C., Gray,J.W.
and Benz,C.C.

TITLE ESX: a structurally unique Ets overexpressed early
 during human breast tumorigenesis
 JOURNAL Oncogene 14 (13), 1617-1622 (1997)
 PUBMED 9129154
 REFERENCE 2 (bases 1 to 10772)
 AUTHORS Chang,C.H., Scott,G.K., Baldwin,M.A. and Benz,C.C.
 TITLE Exon 4-encoded acidic domain in the
 epithelium-restricted Ets
 factor, ESX, confers potent transactivating capacity
 and binds to
 TATA-binding protein (TBP)
 JOURNAL Oncogene 18 (25), 3682-3695 (1999)
 PUBMED 10391676
 REFERENCE 3 (bases 1 to 10772)
 AUTHORS Chang,C.H., Scott,G.K. and Benz,C.C.
 TITLE Direct Submission
 JOURNAL Submitted (30-NOV-1998) Hematology/Oncology, U.C.S.F.,
 505 Parnassus Ave., San Francisco, CA 94143-1270, USA
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Homo sapiens ESX cDNA ORF presented in GenBank
Accession Number U66894"
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exon          7364. .7480
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polyA_signal  9845. .9850
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Db 7694

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Qy 241

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Db 7754

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Qy 301

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Db 7814

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Qy 361

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Db 7874

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Qy 421

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